

# NEBRASKA WEATHER & CROPS

Week Ending July 26, 1987

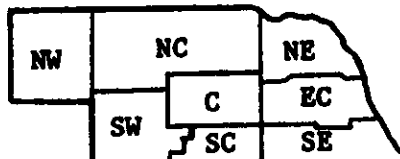
NEBRASKA  
AGRICULTURAL  
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SERVICE

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Nebraska Department of Agriculture  
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Institute of Agriculture  
and Natural Resources--UNL

## WEATHER

Hot, dry weather continued across the State. Only isolated thunderstorms midweek produced rainfall up to an inch in the northeast. Average temperatures ranged from four to seven degrees above normal.

## GENERAL

The warm, dry conditions during the week kept irrigators busy trying to keep up with crop moisture demands, but allowed wheat harvest to near completion across the State. Some row crops were stressed last week due to short topsoil moisture supplies, although much needed rain occurred in the northeast late last week. The main activities of the week consisted of wheat and oats harvest, tilling wheat and oats stubble, harvesting hay, roguing soybeans and continued scouting for insects. The number of days suitable for fieldwork was 6.9.

Topsoil moisture rated 71% short and 29% adequate. Subsoil moisture rated 29% short, 69% adequate and 2% surplus. A year ago, topsoil moisture rated 60% short and 40% adequate while subsoil moisture supplies rated 14% short and 86% adequate.

## CROPS

Virtually all of the winter wheat across the State is now ripe. Wheat harvest neared completion with some fields remaining to be harvested in the Northwest, North Central and Northeast areas of the State. Statewide, wheat harvest stood at 99% complete compared to 96% last year and 85% average. The Russian wheat aphid was responsible for reduced yields in fields not sprayed in western counties

## CROPS (Cont.)

where light to significantly infested fields were reported.

Corn condition rated 20% fair, 69% good and 11% excellent. The hot, dry weather has caused drought stress, especially in dryland fields across the State. Fields were being scouted with reports of increased corn borer and rootworm activity. Corn silking progressed to 85% complete compared to 77% last year and 48% average. Corn in the dough stage stood at 15% compared to 12% last year and 3% average.

Soybean condition rated 28% fair, 67% good and 5% excellent. Soybeans blooming advanced to 75% compared to 85% last year and 66% average. Thirty percent of the crop was setting pods compared to 35% last year and 18% average. The hot, dry weather has slowed soybean development while bean leaf beetle numbers were reported increasing also.

Sorghum condition rated 15% fair, 69% good and 16% excellent. Sorghum heading stood at 35% compared to 32% last year and 12% average. Scouting has revealed greenbug infestations in some fields.

The second cutting of alfalfa reached 94% complete compared to 89% last year and 75% average. Third cutting of alfalfa reached 8% complete, ahead of last year and average. Alfalfa condition rated 2% poor, 36% fair, 61% good and 1% excellent. Oats harvest advanced to 85% complete compared to 83% last year and 67% average.

## LIVESTOCK

Pasture and range feed supplies rated 15% short, 77% adequate and 8% surplus. Livestock gains were slowed last week due to heat stress and increasing fly numbers.

## Precipitation, April 1 - July 24, 1987

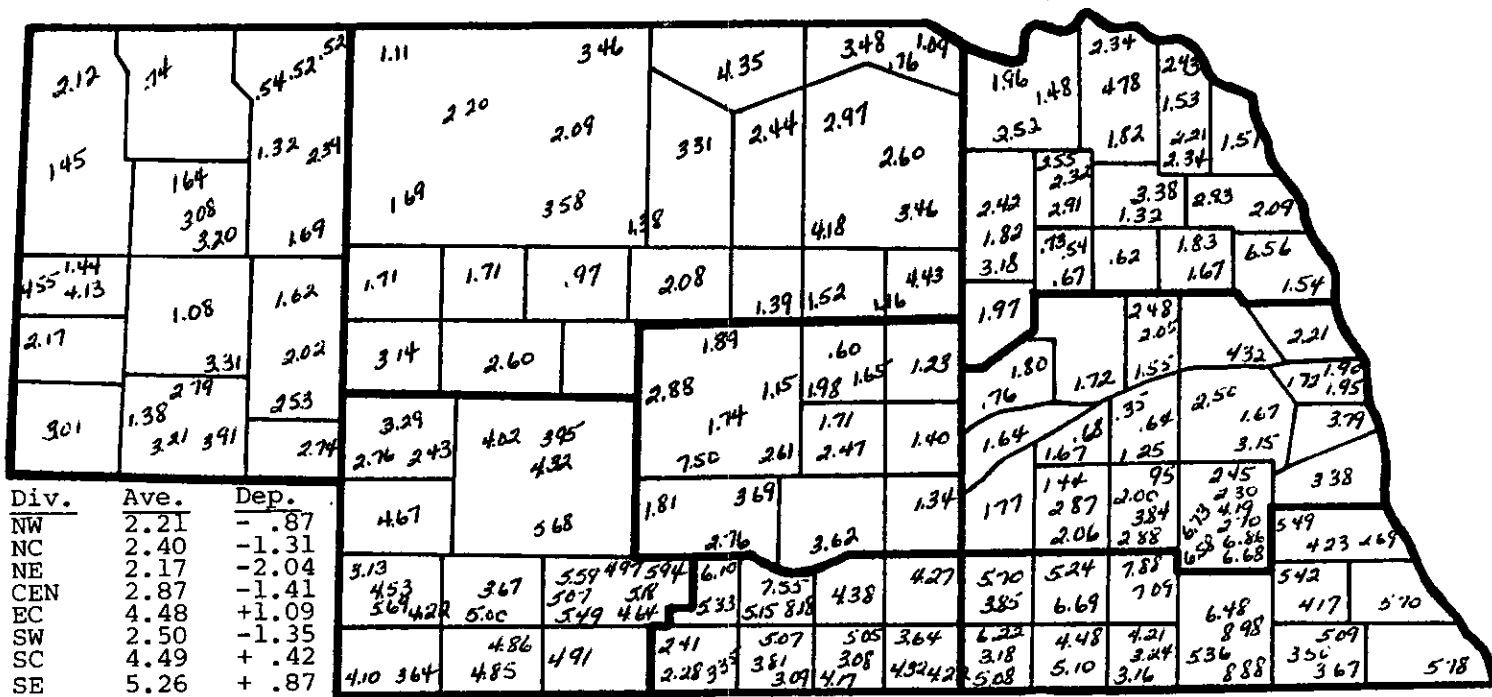
	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week .....	.22	.43	.13	1.52	.33	.26	.75	.04
Total since April 1 .....	9.07	9.95	8.19	11.19	10.20	12.44	13.40	15.09
Normal since April 1 .....	10.31	11.60	13.55	12.78	14.39	10.71	12.88	15.13

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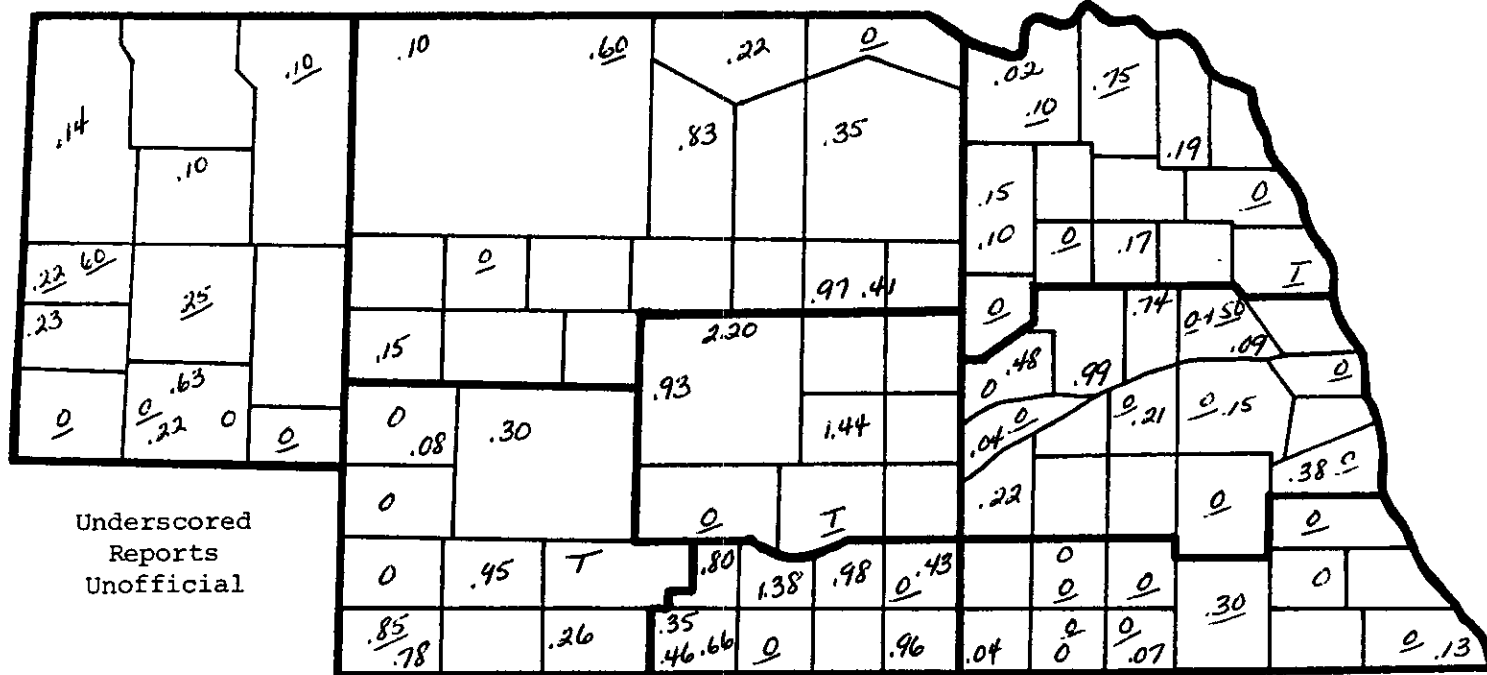
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# PRECIPITATION MAP FOR MONTH OF JUNE 1987 1/



1/ Courtesy of the Center for Agricultural Meteorology and Climatology, Institute of Agriculture and Natural Resources, The University of Nebraska-Lincoln.

## PRECIPITATION MAP FOR WEEK ENDING FRIDAY, JULY 24, 1987



## TEMPERATURE AND PRECIPITATION DATA FOR WEEK ENDING SUNDAY, JULY 26, 1987

Station		Temperature			Precipitation	
		Extremes		Mean	Departure	Total Inches <u>1</u> / <u>100</u>
		Max	Min			
NW	Chadron	104	56	80	--	0
	Scottsbluff	100	57	80	+5	.20
	Sidney	98	57	79	--	0
NC	Ord	96	64	81	--	0
	Valentine	100	64	80	+5	0
NE	Norfolk	96	65	82	+6	1.10
	Sioux City	94	65	81	+5	.07
CEN	Grand Island	99	70	84	+7	0
EC	Lincoln	99	67	84	+6	0
	Omaha	95	68	83	+7	T
SW	Imperial	--	--	--	--	--
	North Platte	95	60	79	+4	0

1/ Precipitation totals not included in map above.